EXHIBIT 4B

CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

For Supplementary Registration UNITED STATES COPYRIGHT OFFICE REGISTRATION NUMBER

2



EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

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Narybeth Peters

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A	Title of Work ▼ Cisco IOS 11.1		,		· · · · · · · · · · · · · · · · · · ·			
	Registration Number of the Basic Registration ▼ TX 5-531-435		Year of Basic Registration ▼ 2002					
	Name(s) of Author(s) ♥ Cisco Systems, Inc.	1	Name(s) of Copyright Claimant(s) ▼ Cisco Technology, Inc.					
B	Location and Nature of Incorrect Information in Basic Registration ▼ Line Number 3b Line Heading or Description Date and Nation of First Publication of this Particular Work Incorrect Information as It Appears in Basic Registration ▼							
	February 28, 1996; United States							
	Corrected Information ▼							
	N/A (please delete)							
	Explanation of Correction ▼							
	The work is unpublished.							
	Location and Nature of Information in Basic Registration to be Amplified ▼							
	Line Number	Line Heading or Description						
	Amplified Information and Explanation of Information ♥							

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Continuation of: 1 Part B or Part C Line Number: 5 Line Heading or Description: Previous Registration							
Incorrect in	Incorrect Information as It Appears in Basic Registration: Box C unchecked						
Corrected	Information: Box C checked						
Explanatio	on of Correction: This work is a changed version.		•				
Line Number: 2b Line Heading or Description: Name of Author							
Incorrect li	nformation as It Appears in Basic Registration: No er	ntry					
Corrected	Information: See Attached Form TX/CON for Addition	onal Authors					
Explanation	on of Correction: Additional authors on Form TX/CON	1					
Tu T. Tsao Fenwick & 2 Palo Alto Palo Alto, (West LLP Square CA 94306	pplication should be sent. Email tts80		Taration (Section 1) Taration Taration Taration Taration			
•) <u>) 858-7696</u> Fax (<u>650</u>) 494-1417						
Deposit Acco	ount: If the registration fee is to be charged to a Deposit Account e	stablished in the Copyright Offic	e, give name and number of Accou	int. 			
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Certification	 I, the undersigned, hereby certify that I am the: (Check only one) □ author □ owner of exclusive right(s) □ other copyright claimant ☑ duly authorized agent of Name of Name	o Technology, Inc. of author or other copyright claima	nt, or owner of exclusive right(s) 🛦				
	of the work identified in this application and that the statements m	ade by me in this application are o	orrect to the best of my knowledge.				
Typed or pri	nted name ▼ Tu T. Tsao		8/19/15				
	signature (X) ▼						
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Certificate will be maited in window	Name ▼ Susanne S. Morales, Paralegal / Fenwick & West	LLP	YOU MUST Complete all necessary spaces Bign your application in Space F SEND ALL ELEMENTS IN THE SAME PACKAGE 1. Application form				
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address:	Ciy/suna/ZiP ♥ Palo Alto, CA 94306		MAIL TO Library of Congress Copyright Office 101 Independence Avenue, 8.E. Washington, D.C. 20559-8000	Copyright Office trobable at womer.expylight.go too he the Copyrigh Office, or east (242) 767-3606.			

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**TU.S.C. \$ 506(e): Any person who knowingly makes a false representation of a material fact in the application, provided for by section 409, or in any written statement field in connection which application, shall be fined not more than \$2,500.

FORM CA